

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB2004/000708

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G01S7/52 A61B17/34

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G01S A61B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)  
EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5 957 844 A (HALL CHARLES RYAN ET AL) 28 September 1999 (1999-09-28) abstract column 3, line 47 - line 65 column 8, line 66 - column 9, line 48	1-20
Y	US 2003/028113 A1 (BROADSTONE STEVEN R ET AL) 6 February 2003 (2003-02-06) abstract paragraphs '0089!, '0090!	1-20
A	US 6 375 617 B1 (FRASER JOHN D) 23 April 2002 (2002-04-23) abstract column 4, line 46 - column 5, line 9 column 12, line 35 - column 13, line 27	18-20

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

4 June 2004

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# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB2004/000708

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5957844	A	28-09-1999	US 5810008 A	22-09-1998
			US 6203497 B1	20-03-2001
			AU 5113098 A	29-06-1998
			CA 2273874 A1	11-06-1998
			WO 9825159 A1	11-06-1998
			DE 69721045 D1	22-05-2003
			DE 69721045 T2	05-02-2004
			EP 0946886 A1	06-10-1999
			JP 2001514533 T	11-09-2001
US 2003028113	A1	06-02-2003	US 6379304 B1	30-04-2002
			US 6248073 B1	19-06-2001
			US 5904652 A	18-05-1999
			US 5690114 A	25-11-1997
			US 5590658 A	07-01-1997
			US 5839442 A	24-11-1998
			AT 245056 T	15-08-2003
			AU 741952 B2	13-12-2001
			AU 7097698 A	17-07-1998
			CA 2275577 A1	02-07-1998
			DE 69723578 D1	21-08-2003
			DE 69723578 T2	15-04-2004
			EP 0949976 A2	20-10-1999
			JP 2001507794 T	12-06-2001
			US 6530887 B1	11-03-2003
			EP 1353195 A2	15-10-2003
			TW 447215 B	21-07-2001
			TW 521522 B	21-02-2003
			WO 9828631 A2	02-07-1998
			ZA 9711640 A	08-09-1998
			AU 700274 B2	24-12-1998
			AU 6344696 A	30-01-1997
			EP 0835458 A2	15-04-1998
			JP 11508461 T	27-07-1999
			US 5957846 A	28-09-1999
			US 5964709 A	12-10-1999
			CA 2225622 A1	16-01-1997
			TW 381226 B	01-02-2000
			WO 9701768 A2	16-01-1997
			US 6106472 A	22-08-2000
			ZA 9605568 A	29-01-1997
US 6375617	B1	18-04-2002	US 6468216 B1	22-10-2002
			US 2002045823 A1	18-04-2002
			WO 0217298 A1	28-02-2002
			EP 1216473 A1	26-06-2002
			JP 2004506498 T	04-03-2004
			WO 0217296 A1	28-02-2002
			WO 0217297 A1	28-02-2002
			WO 0215775 A2	28-02-2002
			EP 1242991 A1	25-09-2002
			EP 1216472 A1	26-06-2002
			EP 1312074 A2	21-05-2003
			JP 2004506466 T	04-03-2004
			JP 2004506496 T	04-03-2004
			JP 2004506497 T	04-03-2004
			US 2002045820 A1	18-04-2002
			US 2002045822 A1	18-04-2002

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB2004/000708

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6375617	B1	US 2002045830 A1	18-04-2002
		US 2002045824 A1	18-04-2002
		US 2002045826 A1	18-04-2002
		US 2002045827 A1	18-04-2002
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